Hardtuned ELUNDERGLOW

Hardtuned ELGlow Active Universal Car Underglow Kit Instruction Manual

Model: ELUNDERGLOW

INTRODUCTION

Welcome to the instruction manual for your Hardtuned ELGlow Active Universal Car Underglow Kit. This kit is designed to provide customizable, dynamic lighting for your vehicle's undercarriage. Please read this manual thoroughly before installation and operation to ensure proper use and safety.

The Hardtuned ELGlow Active Universal Car Underglow Kit packaging, featuring multiple boxes with the product logo and a car illuminated by underglow lights in the background.

Safety Information

Always prioritize safety during installation and operation of the ELGlow kit.

- Ensure the vehicle's power is disconnected before installation to prevent electrical shock.
- Do not modify the product in any way. Unauthorized modifications may void the warranty and pose safety risks.
- Keep all components away from excessive heat, moisture, and corrosive materials.
- Secure all wiring and components properly to prevent interference with vehicle operation or damage from road debris.
- Consult local regulations regarding vehicle lighting before use.

Package Contents

Verify that all items listed below are present in your package.

- 2x Front LED Strips (100cm each)

- 2x Side LED Strips (180cm each)

- 2x Rear LED Strips (90cm each)

- 1x Control Module

- Installation Hardware (mounting clips, screws, zip ties)

- 1x Remote Control

The Hardtuned ELGlow kit components, showing individually packaged LED strips labeled for front (100cm), side (180cm),

The Hardtuned ELGlow system's control module and wireless remote control, used for managing lighting patterns and colors.

SETUP AND INSTALLATION

1. **Preparation:**

   Park your vehicle on a level surface and ensure the engine is off and the parking brake is engaged. Disconnect the negative terminal of the vehicle's battery.

   Clean the undercarriage surfaces where the LED strips will be mounted. Ensure they are free of dirt, grease, and moisture.

2. **Mounting the LED Strips:**

   Identify the appropriate locations for the front, side, and rear LED strips. The kit includes 100cm strips for

the front, 180cm for the sides, and 90cm for the rear.

Use the provided mounting hardware (clips, screws, or adhesive backing if applicable) to securely attach the LED strips to the vehicle's undercarriage. Ensure the strips are positioned to illuminate the ground evenly and are protected from direct impact.

A blue car at night showcasing the Hardtuned ELGlow kit with vibrant blue lights illuminating the ground beneath its rear and side panels.

A white and green car parked indoors, featuring bright green underglow lighting along its side skirts, highlighting the vehicle's profile.

3. **Wiring the Control Module:**

   Mount the control module in a secure, dry location, preferably under the hood or inside the cabin, away from direct heat and moisture.

   Connect the LED strips to the corresponding ports on the control module. Ensure all connections are firm and properly sealed if exposed to the elements.

   Connect the control module's power input to a suitable 12V power source in your vehicle. It is recommended to connect to a fused accessory power source that turns off with the ignition to prevent battery drain.

4. **Final Checks:**

   Double-check all connections and ensure all wiring is neatly routed and secured with zip ties to prevent snagging or damage.

   Reconnect the vehicle's battery.

OPERATING INSTRUCTIONS

The Hardtuned ELGlow kit can be controlled via the included remote control or a compatible smartphone application.

Using the Remote Control:

Point the remote control towards the control module (if visible) or within range.

- **Power Button:** Turns the underglow system on or off.

- **Color Selection Buttons:** Select specific static colors.

- **Mode Buttons:** Cycle through various dynamic lighting patterns (e.g., flashing, fading, chasing).

- **Brightness/Speed Buttons:** Adjust the intensity of the lights or the speed of dynamic patterns.

Smartphone App Control:

Download the recommended app (refer to the QR code on the control module or packaging for download link).

Enable Bluetooth on your smartphone and pair it with the ELGlow control module.

Use the app interface to select colors, patterns, adjust brightness, and customize lighting effects.

Relevant Link: Download LEDHue App

An orange sports car with striking red underglow lighting along its front bumper and side skirts, creating a dramatic visual effect.

Two cars, one dark and one light, parked side-by-side, both featuring a vibrant rainbow underglow effect that casts colorful light onto the pavement.

MAINTENANCE

- **Cleaning:** Periodically clean the LED strips with a soft, damp cloth to remove dirt and debris. Avoid using harsh chemicals or abrasive cleaners.

- **Inspection:** Regularly inspect the wiring and connections for any signs of wear, damage, or corrosion. Ensure all mounting points remain secure.

- **Water Resistance:** The kit is water-resistant, but avoid direct high-pressure water sprays on the control module or exposed connections.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	No power to control module; loose connection; faulty strip.	Check power connection to 12V source. Ensure all strip connections are secure. Test individual strips if possible.
Remote control not working.	Dead battery in remote; remote out of range; interference.	Replace remote battery. Ensure clear line of sight or closer proximity to control module.
Lights are flickering or inconsistent.	Loose wiring; insufficient power; damaged strip.	Inspect all wiring for secure connections. Verify adequate 12V power supply.

SPECIFICATIONS

Brand: Hardtuned

Model: ELUNDERGLOW

Color: Multicolor, Color-changing (RGB)

Material: Plastic, Metal

Water Resistance Level: Water Resistant

Automotive Fit Type: Universal Fit

Front LED Strips: 2x 100cm

Side LED Strips: 2x 180cm

Rear LED Strips: 2x 90cm

Power Input: 12V DC

Control: Remote Control, Bluetooth App

WARRANTY INFORMATION

Hardtuned products are covered by a limited warranty against manufacturing defects. For specific warranty terms and conditions, please refer to the official Hardtuned website or contact customer support. Keep your proof of purchase for warranty claims.
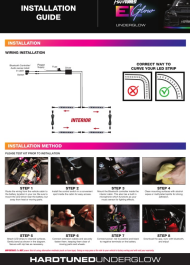
CUSTOMER SUPPORT

If you encounter any issues or have questions not covered in this manual, please contact Hardtuned customer support.

Visit the official Hardtuned website for FAQs and contact information.

Online resources may be available at: www.hardtuned.com

Related Documents - ELUNDERGLOW

	[Hardtuned EGlow Underglow Installation Guide](#) Step-by-step installation guide for the Hardtuned EGlow Underglow lighting kit, including wiring, app setup, troubleshooting, and warranty information.
	[Hardtuned E-Glow Underglow Installation Guide](#) Comprehensive installation guide for the Hardtuned E-Glow Underglow lighting kit, covering wiring, mobile app setup, customization, and troubleshooting.
	[HardTUNED E1 Glow Underglow Installation Guide](#) Comprehensive installation guide for the HardTUNED E1 Glow Underglow lighting kit, covering wiring, mobile app setup, troubleshooting, and warranty information.
	[Hardtuned EGlow Underglow Installation Guide](#) Step-by-step installation guide for the Hardtuned EGlow Underglow lighting kit, including wiring, app setup, troubleshooting, and warranty information.
	[Hardtuned E-Glow Underglow Installation Guide](#) Comprehensive installation guide for the Hardtuned E-Glow Underglow lighting kit, covering wiring, mobile app setup, customization, and troubleshooting.
	[HardTUNED E1 Glow Underglow Installation Guide](#) Comprehensive installation guide for the HardTUNED E1 Glow Underglow lighting kit, covering wiring, mobile app setup, troubleshooting, and warranty information.